

A. A. L. R. N. - A.

the author determines the effect of Hall's Law on the case of a radioactive gas diffusing through a cylindrical tube. The author also gives the equations for the case of steady state diffusion of a radioactive gas through a cylindrical tube.

1. S. A. L. R. N. - A.

ASSOCIATION: none

COMMITTEE: 100-761

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44,55

AUTHOR: Ban-Zelikovich, G. M. (Moscow)

ORG: none

21, 44, 55

TITLE: Influence of Hall currents during conducting gas acceleration in self-induced magnetic fields

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 4, 1965, 27-34

1, 55, 44, 21, 44, 55

TOPIC TAGS: MHD, plasma flow, plasma magnetic field

66
B

ABSTRACT: The effect of Hall currents in the magnetic fields induced by the currents flowing in the plasma is studied theoretically in regard to their relation to plasma acceleration mechanisms. Magnetohydrodynamic equations and a generalized Ohm's law are used to obtain the solution for the flow distribution in a plasma subject to the existence of large velocities (10^7 cm/sec) so that pressure gradients can be neglected. It is assumed that no external magnetic fields and no electric fields along the length of the channel exist in the flow. The conductivity is assumed to remain constant and the product of cyclotron and collision frequencies, k , is constant. The solution is obtained by expressing the dependent variables in powers of k and all k^2 and higher power terms are neglected. The system of equations for the first order quantities is solved by quadratures for known zero order values. The flow distribu-

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tion is examined in greater detail in the core of the flow and the solution for some initial and boundary conditions is given. A comparison with a previous study shows that the effect of the Hall currents is similar to that for the case with an external magnetic field. Small asymmetry relative to the axis of the channel develops when only a self-induced magnetic field is present. Orig. art. has: 3 figures, 42 formulas.

SUB CODE: 20/ SUBN DATE: 23Feb65/ ORIG REF: 003/ OTH REF: 000

Card 2/2

BAN, Akos, dr., okleveles olajmernok, a muszaki tudomanyok kandidatusa

Some questions of exploiting fractured hydrocarbon reservoirs.
Bany lap 98 no.3:195-202 Mr '65.

1. Department Head, National Petroleum and Gas Industry, Trust,
Budapest.

BAN, Akos, dr., aklevles olajamernok, a muszaki tudomanyok kandidatusa

Determination of parameters of the cracked-porous mineral oil fields.
Bany lap 95 no.10:671-678 O '62.

1. Nagylengyeli Koolajtermelő Vallalat, Nagylengyel.

BAN, Akosh; BOGOMOLOVA, Antonina Fedorovna; MAKSIMOV, Valeriy Aleksandrovich; NIKOLAYEVSKIY, Viktor Nikolayevich; OGANDZHANYANTS, Vladimir Grigor'yevich; RYZHIK, Viktor Mikhaylovich; CHERNYY, I.A., red.; KAYESHKOVA, S.M., ved. red.; POLOSINA, A.S., tekhn. red.

[Effect of the properties of rocks on the fluid flow in them]
Vliyanie svoistv gornykh porod na dvizhenie v nikh zhidkosti.
[By]A. Ban i dr. Moskva, Gostoptekhizdat, 1962. 274 p.

(MIRA 16:2)

(Oil reservoir engineering)

BAN, Akos, okl. olajmernok; LORINCZ, Janosne, okl. olajmernok.

Testing oil recovery on the laboratory model of a reservoir operated by bottom water pressure. Bany lap 93 no. 7:495-497. JI '60.

1. Nagylengyeli Koolajtermelő Vallalat, Nagylengyel.

BAN, Ákos, dr., okleveles olajmerndk, a magyar tudományok kandidátusa;
DUNAY, László, dr., okleveles geologus

Exploitation of water pressure-operated petroleum pool by changing the velocity potential field. Bány lap 96 no.10:738-745 0'63.

1. Országos Kőolaj - és Gázipari Törzszt, Budapest.

FODOR,O., prof.; BACIU, Zoe, dr.; COSMA,V., dr.; SURIANU,I., dr.; BAN,A., dr.
MUNTEANU, P., dr.; POPESCU, St. dr.; ILEA, V. dr.

Cholostatic chronic hepatitis. (Considerations on 10 cases).
Med. intern. 16 no.1:47-53 Ja'64.

1. Lucrare efectuata in Clinica a III-a medicala, Cluj
(prof. O.Fodor).

BAN, Akosh (Moskva)

Problem of determining the time lag in pressure restoration
in a fissured stratum. PMTF no.2:81-84 Mr-Ap '62.
(MIRA 16:1)

(Wells) (Gas, Natural)

BAN, A. 1948

(Debrecen Tud Békklinikájának és Korbonctani Intézetek Közleménye)

"Bone Marrow and Anaphylaxis."

Mag. Belor. Arch. Budapest. 1948, 1/6(331-345)
Abst: Exc. Med. V. Vol. II, No. 5, p. 360

PAPP, Otto, dr.; ABURLE, Lajos, dr.; BAN, Andras, dr.; HARASZTI, Antal, dr.

Two cases of panmyelopathy caused by drugs. Orv hetil 95 no.16:
446-447 Ap '54. (MEAL 3:8)

1. A Debreceni Varosi Tanacs Korhaza (igazgato: Muranyi Klara dr.)
Belosztalyanak (foorvos: Aburle Lajos, dr.) es a debreceni
Orvostudomanyi Egyetem I. sz. Belklinikajanak (igazgato: Fornet
Bela prof.) es Korbonctani Intezetenek (igazgato: Kellner Bela
prof.) koklmenye.

(BONE MARROW, dis.

*panmyelopathy, caused by hydantions & sulfathiazoles)
(HYDANTOINS, inj. eff. (SULFATHIAZOLE, inj. eff.
*panmyelopathy) *panmyelopathy)

BAN, Andras
BAN Andras, dr.

Clinical studies of patients with pernicious anemia. Orv. hetil.
95 no.22:606-613 30 May 54.

I. A Debreceni Orvosegyetem I. Belklinikajának (Igazgató:
Fornet Béla dr. egyet. tanár) koxlemeze
(ANEMIA PERNICIOUS)

BAN, Andras, dr.; RINGELHANN, Bela, dr.

Care of patients with hematological diseases. Nepegeaszsegny
36 no.9:309-314 Sept 55.

1. Kosklementy a Debreceni Orvostudomanyi Egyetem I. Belklinikájáról
(igazgató: Fornet, Bela dr.) és Heves megye tanacsá korhaza
laboratoriumabol, Eger.

(BLOOD, diseases

patients care, hosp. & ambulatories.)

(HOSPITALS

care of patients with blood dis.)

(OUTPATIENT SERVICES

blood dis. treatment.)

BAN, Andras, dr.,; BOKOR, Laszlo, dr.,; HARASZTI, Antal, dr.

Case of multiple intestinal perforation in agranulocytosis,
following ACTH and cortisone therapy. Orv. hetil. 96 no.40:
1111-1113 2 Oct 55.

1. A Debreceni Orvostudomanyi Egyetem I. Belklinikajának (igazgató:
Fornet Bela dr. egyet. tanár és Korbonctani Intézeténél (igazgató:
Endes Pongrac dr. egyet. tanár) köszönemeye.

(AGRANULOCYTOSIS, complications

multiple intestinal perf. caused by ACTH & cortisone
ther.)

(INTESTINES, perforation

multiple, caused by ACTH & cortisone ther. in
agranulocytosis)

(CORTISONE, injurious effects

multiple intestinal perf. in agranulocytosis ther.)

(ACTH, injurious effects

same)

BAN, Andras, dr.; HANKISS, Janos, dr.; SZILASSY, Zsuzsa, dr.

Oral therapy of pernicious anemia. Orv. hetil. 98 no.24:
657-660 16 June 57.

1. A Debreceni Orvostudomanyi Egyetem I. sz. Belklinikajának
(igazgató: Fornai, Béla, dr. egyet. tanár) korlemenye.
(ANEMIA, PERNICIOUS, ther.)

intrinsic factor -- vitamin B12 prep., oral ther. in
relapsing cases (Hun))
(GASTRIC JUICE)

intrinsic factor -- vitamin B12 prep. in oral ther. of
relapsing cases in pernicious anemia (Hun))
(VITAMIN B12, ther. use

anemia, pernicious, oral ther. by vitamin B12.- intrinsic
factor prep. in relapsing cases (Hun))

BAN, Andras, Dr.; GOMBOKO, Bela, Dr.; NACSKO, Janos, Dr.

Agastric and intestinal megaloblastic anemias. Orv. hetil. 98 no.40:
1093-1096 6 Oct 57.

1. A debreceni Orvostudomanyi Egyetem I. sz. Belklinikajának (igazgató:
Fornet Bela dr. egyet. tanár) és I. sz. Néeszeti Klinikajának (mb.
vezető: Szalocsky Gyula dr. egyet. decen. kozlemenye.

(ANEMIA, HYPERCHROMIC, case reports)

megaloblastic anemia after gastrectomy & intestinal
surg. (Hun))

(GASTRECTOMY, compl.

anemia, megaloblastic agastric, case reports (Hun))

(INTESTINES, surg.

compl. megaloblastic anemia, case reports (Hun))

KOSCAR, L.; SZILAGYI, T.; VERESS, O.; BAN, A.

Effect of largactil on the formation of immune bodies. Kiserletes orvostud.
10 no.4:416-419 Aug 58.

l. Debreceni Orvostudomanyi Egyetem Korelettani Intezete es I. sz. Belklin
-ikaja.

(ANTIBODIES,

form., eff. of chlorpromazine in rabbits (Hun))

(CHLORPROMAZINE, eff.

on antibody form. in rabbits (Hun))

BAN, A.

KOCSAR, L.; SZILAGYI, T.; VARSS, O.: BAN, A.

Effect of chlorpromazine on immune body formation. Acta physiol. hung.
14 no.2:163-166 1958.

1. Institute of Pathophysiology and 1st Department of Medicine,
Medical University, Debrecen.

(ANTIBODIES

form., eff. of chlorpromazine in rabbits)

(CHLORPROMAZINE, eff.

on antibody form. in rabbits)

BAN, Andras, dr.; SIRO, A.Bela, dr.; DEMENTY, Peter, dr.; KACSKO, Janos, dr.
CSOKONAI, Lasslo, dr.

Effect of large doses of pyrexal, a bacterial pyrogen, on the
leukocytes. Magy. belorv. arch. 13 no. 5: 131-135 O '60.

1. A Debreceni Orvostudomanyi Egyetem I. Belklinikajának (Igazgató:
Dr. Mornet Bela egy. tanár) közlemenye.

(PYROGENS pharmacol)

(LEUKOCYTES pharmacol)

(LIPOPOLYSACCHARIDES pharmacol)

FODOR, O., conf.; STANESCU, L., dr.; BARBARINO, F., dr.; SCWARTZ, M., dr.;
NICOARA, Gh., dr.; BAN, A., dr.

Observations on splenic sarcomas. Med. intern. 13 no.11:1549-1553
N '61.

1. Lucrare efectuata in Clinica a III-a medicala I.M.F., Cluj.

(SPLEEN neoplasms) (SARCOMA)

FODOR, O., prof.; TANASESCU, R., dr.; BAN, A., dr.

Problems in the diagnosis and delimitation of malignant collagen diseases. (Borderline and intermediate forms). Med. intern. 13 no.12:1617-1632 D '61.

1. Lucrare efectuata in Clinica a III-a medicala, I.M.F. Cluj,
director prof. O.Fodor.
(COLLAGEN DISEASES diagnosis)

BAN, Andras, dr.; KOCSAR, Laszlo, dr.; KACSKO, Janos, dr.; DEMENY, Peter, dr.;
CSONGOR, Jozsef; SIRO, A. Bela, dr.

Effect of Pyrexal -- a bacterial pyrogen -- on iron in the blood
serum. Magy. Belorv. arch. 15 no.3:81-84 Je '62.

1. Debreceni Orvostudomanyi Egyetem I. Belklinika (Prof. Fornet Bela
dr.) es Korelettani Intezete (Prof. Kesztyus Lorand dr.).
(IRON blood) (PYROGENS pharmacol)

FODOR, O., prof.; COSMA, V., dr.; BAN, A., dr.

The contribution of laparoscopy to the diagnosis of the sequela of
epidemic hepatitis. Med. intern. 14 no.4:485-491 Ap '62,

1. Lucrare efectuata in Clinica a III-a medicala a I.M.F. Cluj
(prof. O. Fodor).
(HEPATITIS, INFECTIOUS) (HEPATITIS) (LIVER CIRRHOSIS)
(BILIARY DYSKINESIA) (NEUROSES) (ENDOSCOPY)

FODOR, O., prof.; DUMITRASCU, D., dr.; BAN, A., dr.

Endobiopsy of the small intestine. Clinical and functional comparison. Med. intern. 15 no.9:1133-1140 S '63.

1. Lucrare efectuata in Clinica a III-a medicala I.M.F. Cluj
(prof. O. Fodor).
(ENTERITIS) (JEJUNUM) (PATHOLOGY)
(BIOPSY)

RUMANIA

FUDOR, O., Professor; POPESCU, St., MD; BAN, A., MD.

Medical Clinic No III in Cluj (Clinica a III-a medicala din
Cluj); Director: Professor O. Fodor. - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 64, pp 161-166

"Contributions to the Problem of Hyperchlorhydria in Gastric
Cancer." (Paper given at the meeting of the Union of Societies
of Medical Sciences, Cluj Branch, Section of Internal Medicine,
on 31 January 1963.)

FODOR, O.; DUMITRASCU, D.; BADEA, Gh.; BAN. A.; TRAGOR, S.; CALIJ, C.;
SZANTAY, I.

Adaptive and pathological changes in the jejunum and ileum
after stomach surgery. Stud. cercet. med. intern. 5 no.2:167-
172 '64

FODOR, O.; POPESCU, St.; TRAGOF S.; BAN, A.

Gastric vascular reactivity in the evolutive phases of duodenal ulcer. Stud. cercet. med. intern. 5 no.6:609-615 '64.

BARBARINO, Fadora, dr.; BAN, A., dr.; HERMAN, Oh., dr.

Hypersplenism and hydatid cyst of the spleen. Med. intern. (Bucur.)
17 no.4:417-422 Ap '65.

1. Lucrare efectuata in Clinica a III-a medicala, Institutul
medico-farmaceutic, Cluj (director: prof. O. Fodor).

MUNTEANU, P., dr.; BAN, A., dr.; ACHIM, N.dr.

A case of retroperitoneal chorioepithelioma in a male. Med. intern. (Bucur) 10 no.5:621-624 My'64

1. Lucrare efectuata in Clinica a III-a medicala, I.M.F., [Institutul medico-farmaceutical], Cluj (director: prof. O.Fodor).

the working of
BAN, A., CAND TECH SCI, "CERTAIN PROBLEMS OF ~~DEVELOPING~~
PETROLEUM DEPOSITS IN FISSURED ROCK." MOSCOW, 1961. (MIN
OF HIGHER AND SEC SPEC ED RSFSR. ~~MOSCOW, 1961~~ MIN OF
~~HIGHER AND SEC SPEC ED RSFSR~~ MOSCOW ORDER OF LABOR RED
BANNER INST OF PETROCHEM AND GAS INDUSTRY INSTITUTE I. I.
GUBKIN). (KL-DV, 11-61, 217).

-118-

BAN, A. Ye.

Cand Geog Sci - (diss) "Geomorphological characteristics of the South-Eastern Trans-Baykal Region in connection with prospecting for building materials." Moscow, 1961. 19 pp; (Moscow Order of Labor Red Banner State Univ imeni M. V. Lomonosov); 200 copies; price not given; (KL, 7-61 sup, 223)

(2)
ROMANIA

ARIESAN, V.; DANCIU, Felicia; BAN, Cornelia.

Pharmaceutical Chemistry Laboratory of the School of Pharmacy
of Cluj (Laboratorul de chimie farmaceutica al Facultatii
de farmacie din Cluj) - (for all)

Bucharest, Farmacia, No 7, Jul 63, pp 385-393

"Contributions to the Study of the Chemical Control of the Product
'Nervatil'. (Product of the "Terapia" Factory in Cluj)."

BAN, E.

Some aspects from the Habselyem Knitwear Factory. Ind text Rum
13 no.4:146-147 Ap '62.

1. Fabrica "Tricotajul Rosu", Bucuresti.

RAN, Ervinne, foelloado

Development of the manufacture of roller bearings. Stat szemle
41 no.5:496-501 My '63.

1. Kozponti Statisztikai Hivatal.

HUNGARY / Chemical Technology, Chemical Products and Their
Application. Dying and Chemical Treatment of Textile
Materials.

H-34

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17900

Author : Rusznak, I.; Fehervari, M.; Tolgyesi, L.; Ban, G.

Inst : Not given

Title : Decomposition of o-Aminoazobenzene Under the Action of
Ultraviolet Rays

Orig Pub : Magyar textiltechn., 1957, No 2, 73-74

Abstract : Comparison of the rate of decomposition of o- and n-
aminoazobenzene under the action of ultraviolet rays and
chemical oxidation indicates that the ortho-derivative
under all conditions proves to be relatively more stable.
Evidently, the amino-group when in ortho position protects
the azo-group. -- G. Yudkovich

Card 1/1

H-155-

BAN, Gabor

Application of calculating machines in solving overvoltage protection problems. Electrotechnika 54 no.1/2:58-63 F '62.

l. Villamos Energetikai Kutato Intezet tudomanyos munkatarsa.

BAN, GABOR, dr., okleveles gépeszmérnök, a műszaki tudományok kandidátusa, tudományos munkatárs.

Protection of rotating machines directly connected with overhead lines against atmospheric overvoltage. Elektrotechnika 56 no.9:370-383 S '63.

1. Villamos Energetikai Kutató Intézet, Budapest, VI., Rudas László u. 27.

BAN, Gabor, tudományos munkatárs

Protection of substations connected through cables against
atmospheric overvoltages. Elektrotehnika 53 no.2/3:89-94
'60.

JASKO, Ferenc; BAN, Gyorgyne

Up-to-date treatment of sewage water in electroplating plants. Gepgyartastechn 2 no.3:102-106 Mr '62.

1. ORION Radio es Villamosagi Vallalat.

SKROWACZEWSKA, Z., BAN, H.

On the presentation of 3-nitro-2-methyl-pyridinaldehyde-6 from 2,6-dimethyl-3-nitropyridine. Bul chim PAN 9 no.4:213-215 '61.

1. Katedra Chemii Organicznej I. Politechnika, Wrocław. Presented by T. Urbanski.

(Nitrogen) (Methyl) (Pyridinium compounds)
(Nitropyridine)

BAN, I.

BAN, I. Roofs from sheets of building material made of reed and reinforcing steel. p.3.

Vol. 7 no. 305, Nov. 1955
CONSTRUCTORUL
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330011-9

✓ M. Spacing belt covers of older rollers. 1. 1933-1934
Vol. 7, 1933, No. 8, pp 303-304, 1 fig., 2 tabs

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330011-9"

BAN, I.

Vibrational symmetries of tetracyano nickel (II) ion; preliminary communication.
p.35

ACTA CHIMICA. BUDAPEST, HUNGARY. Vol. 19, no. 1, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959

Uncl.

DAN, I.
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No 7, Jul 1961, pp 413-427.

Data: "Notes Regarding Certain Syrups Proposed for the Eighth Edition of the Rumanian Pharmacopæia."

Authors:

CIOCANELEA, V., -Prof.-
ROSU, Elena, -Pharmacist.-
RUB-SAIDAC, A., -Pharmacist.-
BAN, I., -Pharmacist.-
CONSTANTINESCU, V., -Pharmacist.-
VARRO, V., -Pharmacist.-
TAUTU, N., -Pharmacist.-

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600 981673

ROSU, E.; MICU, L.; BAN, I.

Preparation of injection solutions of novocaine with pyramidon
and sodium amytal. Apt. delo 10 no. 1:94 Ja-F '61. (MIRA 14:2)
(NOVOCAIN)

BAN, I.

30

- Bucharest, Romania, Vol X, No 4, Apr 1962
 1. "Phenylpy and Its Importance in Pharmaceuticals," Farm A.
 ACERBOIAN, Farm Eng T. ROJOCU and Farm A. SPITERI;
 pp 193-201.
2. "Investigations in the Nonsteroidal Inorganic Class,"
 (VII). New Compounds Having an Antiinflammatory Action,"
 Dr. V. LIPSIU, Farm D. ORTEGA, Farm Aurora ROMA, Farm
 G. CHIRITA and Prof. A. MURDIN, work performed at the
 Laboratory of Organic Chemistry, Laboratorul de Chimie
 Organica, of the School of Pharmacy (ul. Parcului de
 Oradea), Bucharest; English summary; pp 205-212.
3. "Contributions to the Study of the Stability of Cholel
 Hydrate and Sodium Luminal Solutions," Prof. Farm. N. COZI
 (Farmulul ANTONIE MECU) and Farm St. ROJOCU; English
 summary; pp 213-218.
4. "On the Antimicrobial Activity of Certain Hydrazid
 Derivatives of the α -Benzylbenzimidazole Acid and
 Benzimidazole Acid (Series No. 57)," Prof. A. TUDOR,
 Prof. H. M. MUSAT, Dr. V. STOICA, Dr. V. S. SADOVNICI,
 Chemist Victoria SABAU, Chemist CARALINA, Dr. VASILESCU
 and Dr. M. BARTOLINI, Dr. ION. ROJOCU and Dr. A. ROPA; English
 summary; pp 219-227.
5. "Study of the Antibacterial Action of Certain New
 Thiazine Derivatives (4-Naphthylaminobenzene)," Prof.
 F. CRUMMELL, Prof. G. MAGNU, Chemist Victoria SABAU, Dr.
 D. MUSAT, Dr. M. MUSAT, Dr. V. STOICA, Dr. K.
 BOAF, Dr. M. BARTOLINI, Chemist CARALINA, Dr. VASILESCU;
 English summary; pp 229-233.
6. "Study on Certain Experiments for Various Salient Sub-
 stances via a Protonic Action," Prof. V. GOGOLIN, Farm
 I. TUDOR, Farm V. LIPSIU, Dr. I. VINTIL and Prof. A. MURDIN;
 work performed at the Organic Department (Cetatea de Gal-
 nice) of Clujul II, for Organotex UICRA II-a de
 Timisoara; pp 235-237.
7. "Contribution to the Study of the Copper Content of
 Several Kinds of Various Plants," Part V. LIPSA and Farm
 V. MUSAT; English summary; pp 239-242.

BAN, I.

RUMANIA

POP, S., Lecturer; HOLAN, T., Lecturer; CIOCANELEA, V., Professor;
POGINGEANU, P.; URAY, Z.; KORY, M.; BAN, I.

Laboratory of Pharmacodynamics, Nuclear Medicine, Galenic
Pharmacy, Institute of Medicine and Pharmacy, Cluj.
(Laboratorul de farmacodinamie, Medicina nucleara,
Farmacie galenica, I.M.F. Cluj) - (for all)

Bucharest, Farmacia, No 4, Apr 63, pp 203-207.

"Absorption of Labelled Sodium Iodide (I^{131}) Via the
Rectal Mucosa."

(7)

MARTA, Balasz; BAN, Ibolya; MAGYAR, Imre; RICHTER, Robert; VECSEI, Anna

The effect of tuberculosis on chronic liver disorders produced by carbon tetrachloride in rats. Kisterl. orvostud. 15 no.1:1-4 F '63.

1. Orvostovabbkezpo Intezet I. Belosztalya es Korbonctani Intezete.
(CARBON TETRACHLORIDE POISONING)
(TUBERCULOSIS) (LIVER DISEASES)

MAGYAR, Imre, dr.; RICHTER, Robert, dr.; VECSEI, Anna, dr.; BAN, Ibolya, dr.

The effect of aqueous liver extract and liver hydrolysate in acute carbon tetrachloride poisoning of rats. Magy. belorv. arch. 16 no.1: 37-42 Mr '63.

1. Orvostovabbkepzo Intezet I. Belosztalya, Korbonctani Intezete es
Kozponti Laboratoriuma, Budapest.
(LIVER EXTRACTS) (CARBON TETRACHLORIDE POISONING) (LIVER DISEASES)
(PATHOLOGY) (URINE) (SULFOBROMOPHTHALEIN)
(LIVER FUNCTION TESTS) (PROTEIN HYDROLYSATES)

BALAZS, Marta, dr.; BAN Ibolya, dr.; MAGYAR, Imre, dr.; RICHTER, Robert, dr.; VECSEI, Anna, dr.

A study on the effect of aqueous liver extract and liver hydrolysate on chronic liver disease in rats induced by carbon tetrachloride.
Orv. hetil. 104 no.8:342-344 24 F '63.

l. Orvostovabbkezeti Intezet, I. Belosztaly, Korbonctani Intezet es Kozponti Laboratorium.

(LIVER EXTRACTS) (LIVER DISEASES)
(CARBON TETRACHLORIDE POISONING) (LIVER FUNCTION TESTS)

ZSOLDOS, Gyorgy, dr.; BAN, Ibolya, dr.; ALBERT, Belane, dr.-ne

The problem of mucoviscidosis in adults based on sweat electro-
lyte tests. Orv. hetil. 104 no.41:1931-1933 13 0 '63.

1. Orvostovábbkepmő Intézet, I. Belgyogyászati Tanszék és a
Laboratoriumi Vizsgálatok Tanszéke.

(PANCREATIC CYSTIC FIBROSIS) (SWEAT)
(SODIUM CHLORIDE) (POTASSIUM)
(DIABETES MELLITUS) (STOMACH ULCER)
(BRONCHITIS) (PULMONARY HEART DISEASE)
(DUODENAL ULCER) (HEPATITIS)
(LIVER CIRRHOSIS) (COLITIS, ULCERATIVE)

DONATH, Imre, dr.; BAN, Ibolya, dr.

Current data on the early diagnosis of cancer. (Preliminary report). Orv. hetil. 106 no.42:1976-1977 170 '65.

1. Orvostovabbkepzo Intezet.

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330011-9

BAN, Istvan, okleveles geseps /bernek

Application of rolling shelves in storage technique. Gep 15
20272-75 P '63.

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SIMON, Janos (Budapest); BAN, Istvan (Budapest)

Forum of innovators. Ujratlap 16 no.8:30

25 Apr'64

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330011-9

POPOVIC, V.; BAN, Katarina

Various standards in the demonstration of the efficiency of
counters with the same calibration. Arh. hig. rada 14 no.4:
313-316 '63.

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.

L 31378-66 FCC
ACC NR: AP6021130

SOURCE CODE: HU/0033/65/069/04-/0271/0276

39

B

AUTHOR: Ban, Mihaly

ORG: none

TITLE: Notes on the upper-atmospheric temperature over Budapest and Vienna

SOURCE: Idojaras, v. 69, no. 4-5, 1965, 271-276

TOPIC TAGS: atmospheric temperature, upper atmosphere, radiosonde

ABSTRACT: The temperature data of the 00 and 12 Greenwich mean time ascents of Soviet-made Type A-22-III radiosondes and of U.S.-made Type AMT-4B radiosondes over Budapest and Vienna, Austria, were compared. It was found that the readings of the A-22-III instrument provides less dependable results, owing, probably, to the effects of temperature lag and radiation phenomena. The data obtained were presented and discussed in detail. Orig. art. has: 5 figures and 3 tables. [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

Card 1/1 CC

L 38643-66 FCC

ACC NR: AP6027671

SOURCE CODE: HU/0033/66/000/002/0096/0100

AUTHOR: Ban, Mihaly

ORG: none

TITLE: Comparison of the high-altitude moisture data for the atmosphere over
Budapest and Vienna

SOURCE: Idojaras, no. 2, 1966, 96-100

TOPIC TAGS: atmospheric moisture, atmospheric humidity, meteorologic instrument

ABSTRACT: High-altitude atmospheric humidity data obtained over Budapest and Vienna, Austria, with the aid of the Soviet-made A-22 sonde and the U.S.-made AMT-4B sonde, respectively, were compared. Both the data themselves and the frequency distributions were presented and discussed. The differences, generally in the neighborhood of 5%, are judged to be significant. An analysis of the deviations tends to indicate that the inertia differences between the two instruments are responsible. Orig. art. has: 4 figures and 3 tables. [JPRS: 36,452]

SUB CODE: 04 / SUEM DATE: none / ORIG REF: 003 / OTH REF: 002.

Card 1/1 116

BAN, Miklos

Report on my study trip to England. Kem tud kozl MTA 22
no.3/4:455-456 '64.

1. Chair of General and Physical Chemistry, Attila Jozsef
Tudomanyegyetem, Szeged.

BAN, Miklos; GASPAR, Gyorgy; SZABO, Jozsef; TORK, Miklos

Electron structure of aromatic compounds. Pt.1. Magy fiz folyoir
11 no.2:89-100 '63.

1. Altalanos es Fizikai-Kemial Intezet, Egyetem, Szeged.

HUNGARY/Atomic and Molecular Physics - Physics of the Molecule D-1

Abs Jour : Rof Zhur - Fizika, No 12, 1958, No 27171

Author : Gildo F.J., Ban, M.I.

Inst : The Univorsity, Szeged, Hungary

Title : Electronic Structure of Cr (III) Hexacyanide Complex Ion by
the LCAO Method.

Orig Pub : Acta phys. et chem. Szeged, 1957, 3, No 1-4, 42-48

Abstract : The authors have calculated the energy levels and transitions of the complex ion $\text{Cr}(\text{CN})_6^{4-}$. In the calculation they took account of only the atomic orbitals 3d, 4s, and 4p of the central Cr^{3+} ion and of the orbital 2p of the carbon atoms in the cyan groups. Taking into account the symmetry O_h of the complex ion and the experimental data ($R=2.00 \text{ \AA}$, ionization energy), they used the MO method in the LCAO form. The transitions calculated can be broken up into four groups, consisting of transitions that are closely adjacent to each other. These groups of transitions are in good agreement with the observed spectrum of the ions (the discrepancy does not exceed 3%).

Card : 1/1

HUNGARY/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 1991

Author : Ben M.I.

Inst : The University, Szeged, Hungary

Title : Absorption Spectra of Some Aromatic Compounds Calculated by
Means of the Electron Gas Method.

Orig Pub : Acta phys. et chem. Szeged, 1957, 3, No 1-4, 49-55

Abstract : The model of the potential box with rectangular recess is applied successively to the calculation of the principal frequencies in the absorption spectra of benzene, azobenzene, and phenanthrene. The procedure adopted for benzene is connected with replacing the CH group in the stilbene by a nitrogen atom, taking this replacement into account by perturbation theory. The energy of the perturbation is assumed to be proportional to the difference in the ionization potentials of the nitrogen and the carbon. For three bonds, the discrepancy between the calculated and the experimental data does not exceed 10 millimicrons. For

Card : 1/2

HUNGARY/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur .. Fizika, No 1, 1959, No 1991

ezekenzel a potential box is used with rectangular recess, corresponding to the HN=HN group. The wave functions are sought by the joining method. The agreement with experiment is unsatisfactory. For phenanthrene with a box of simple form, agreement was obtained with experiment within 5 millimicrons. Bibliography, 5 titles.

F.F. Farshin

Card : 2/2

HUNGARY / Physical Chemistry. Molecule. Chemical Bond.

B-4

Abs Jour : Ref Zhur - Khimiya, No 3, 1959, 7175

Author : Ban, Miklos

Inst : Not given

Title : Interpretation of Light Absorption by Organic Compounds
on the Basis of Electron Gas Model. Calculation of
Absorption Bands of Stilbene

Orig Pub : Magyar tud. akad. Kem. tud. oszt. kozl., 1957, 9, No 3,
245-255

Abstract : See RZhKhim, 1958, 72960

Card 1/1

BAN, M. I.

HUNGARY/Physical Chemistry. Molecule. Chemical Bond.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 72960.

Author : M. Ban.

Inst : Academy of Sciences of Hungary.

Title : Explanation of Light Absorption by Organic Compounds
Based on Electron Gas Model. Computation of Absorp-
tion Bands of Stilbene.

Orig Pub: Acta chim. Acad. scient. hung., 1958, 14, No 3-4,
299-310.

Abstract: An approximate computation of energy levels of
 π -electrons of stilbene molecule using a non-
branching metal model is carried out; according
to that model, 10 π -electrons of the molecule
move in a one-dimensional box of the length L =
12.57 Å with infinitely high walls. The relative

Card : 1/3

HUNGARY/Physical Chemistry. Molecule: Chemical Bond.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958; 72960.

isolation of the ethylene group is taken into consideration by introducing a rectangular one-step or two-step depression in the middle part of the potential box. The one-step depression of the depth U is placed between the centers of the C-C bonds connecting the benzene rings with the ethylene group. The magnitude of U is taken to be equal to the difference between the ionization potentials of ethylene and benzene $U = 3.01$ ev. In the case of a two-step model, the first steps are situated in places, where the bonds connecting the benzene rings with the ethylene group are situated. Their depth U_1 is assumed to be equal to the difference of ionization potentials of the hybridized carbon atom

Card : 2/3

HUNGARY/Physical Chemistry. Molecule. Chemical Bond.
Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 72960.

B

and the benzene molecule $U_1 = 1.98$ ev. The second step is at the depth U along the central C-C bond. The wave lengths of absorption band maxima found based on stepped models agree satisfactorily with results of computation using a usual branched model and with experimental data.

Card : 3/3

COUNTRY : HUNGARY
CATEGORY : Physical Chemistry. Molecule. Chemical Bond.
B
Molecular Spectra
ABS. JOUR. : RZKhim., No. 1 1960, No.153
AUTHOR : Ban, M. I.
INST. : Hungarian AS
TITLE : Vibrational Symmetries of Tetracyanonickelate
(II) Ion
ORIG. PUB. : Acta chim. Acad. scient. hung., 1959, 19, No 1,
35-40; Magyar tud. akad. Kem. tud. oszt. kozl., *
ABSTRACT : By the method of group theory, the vibrational
symmetries of $\text{Ni}(\text{CN})_4^{2-}$ (point group D_{4h}) were
examined. The vibrations are related to the
types $2A_{1g} + A_{2g} + 2A_{2u} + 2B_{1g} + 2B_{2g} + 2B_{2u} +$
 $E_g + 4E_u$, while vibrations of the types A_{1g} ,
 B_{1g} , B_{2g} and E_g are active in comb. diff.

*1959, 11, No 1, 51-55

CARD: 1/2

B-10

COUNTRY :
CATEGORY :

B

ABS. JOUR. : RZKhim., No. 1 1960, No. 153

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : spectra [Raman spectra], and A_{2u} and E_u in
cont'd infrared spectra. The diagrams of the normal
vibration forms are given.-- M. Dyatkina

CARD: 2/2

GILDE, Ferenc; BAN, Miklos

The splittings of d^n terms in strong complex fields of tetragonal,
trigonal and rhombohedral symmetry. Magy fiz folyoir 8 no.2:95-115
'60. (EEAI 9:10)

1. Szegedi Tudomanyegyetem, Elméleti Fizikai Intezet (for Gilde).
2. Szegedi Tudomanyegyetem, Altalancos es Fizikai Kemial Intezet
(for Ban)

(Electrons)

GILDE, F.J.; BAN, M.I.

Splitting of d^n - terms in strong complex fields of trigonal and rhombic symmetries. Acta phys Hung 12 no.1:13-34 '60. (EAI 10:2)

1. Department of Theoretical Physics, The University, Szeged (for Gilde). 2. Institute for General and Physical Chemistry, The University, Szeged (for Ban). Presented by A.Konya.
(Electrons) (Ions) (Crystals) (Matrices)
(Metals) (Complex compounds)

BAN, Miklos

Further remarks about the interpretation of the low-intensity absorption bands of transition metal cyano complexes. Magy kem folyoir 66 no.8:325-326 Ag '60.

1. Szegedi Tudomanyegyetem Altalanos es Fizikal Kemial Intezete.

KISS, Arpad, prof. dr. (Szeged, III., Menhely u. 7); BAN, Miklos I., dr.
(Szeged, Rerrich Bela ter)

Light absorption of cyano complexes of transition elements.
Acta chimica Hung 40 no.4:397-417 '64.

1. Institut fur allgemeine und physikalische Chemie der
Universitat, Szeged. 2. Mitglied, Redaktionskollegium,
"Acta Chimica Academiae Scientiarum Hungaricae" (for Kiss).

USSR/Human and Animal Physiology (Normal and Pathological).
Blood Circulation. Blood Vessels.

T-5

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50848

Author : Ban', N.S., Zhur, R.S.

Inst : Institute of Physiology, Academy of Sciences Belorussian SSR.

Title : The Study of Interoceptive Vasal Reflexes in Patients with Gastric Fistula and Artificial Esophagus.

Orig Pub : Tr. In-ta fiziol. AN BSSR, 1956, 1, 107-111.

Abstract : Pletismograms were recorded in 7 patients 3 weeks after they were operated on because of scarry narrowing of the esophagus caused by alkaline or acidic burns. After the stomach was distented by a small rubber ball, introduced through the gastrotomy, vasoconstrictive reactions appeared, which were more pronounced when large amounts of air were

Card 1/2

- 54 -

USSR/Human and Animal Physiology (Normal and Pathological).
Blood Circulation. Blood Vessels.

T-5

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50848

introduced (200 ml). Irritations of gastric mucosa with solutions of 10-40 percent glucose, 2.5 percent ascorbic acid, 0.5 percent of NaHCO₃, and 5 percent of NaCl caused vasoconstrictions. Similar effects were achieved with chemical and mechanical irritations of the artificial esophagus (a segment of the jejunum). -- Ye.L. Aron-Kilinskiy.

Card 2/2

BAN', N.S.

Effect of irrigation of the gastric and intestinal mucosa
with glucose solutions on conditioned and unconditioned food
reflexes in a dog. Trudy Inst. fiziol. AN BSSR 3:83-92 '59.
(MIRA 13:7)

1. Kafedra normal'noy fisiologii Minskogo meditsinskogo
instituta.
(REFLEXES) (DIGESTIVE ORGANS--INNERVATION)

BAN, R.

"New solutions of brake designers." p. 15. "Direction of motor transportation in Debrecen." p. 16. "Every accident begins with a disregard of traffic regulations." p. 18. (AUTOMOTOR, Vol. 5, no. 2h, Dec. 1952. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Unch.

BAN, R.,

"Feed pumps for dosing raw naphtha" p. 11 "The mounting of the piston curl" p. 11 "The
Driver speaks" p. 12 "Techniques of accident prevention" EM p. 12 "Police traffic
regulations, sections 42, 43, 45, p. 13"
(AUTO MOTOR, Vol. 6, No. 4, Feb, 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncol.

HUNGARY/Electronics - Photocells and Semiconductor Device II

Abs Jour : Ref ZharFizika, No 10, 1959, 23112

Author : Ban, Tamas

Inst

Title : Transistor Physics

Orig Pub : Magyar hiradastekhn., 1958, 9, No 2-3, 91-97, 113-115,
3 (obl.)

Abstract : The author describes in elementary form the electric properties of semiconductors as materials for the manufacture of transistors, and also considers the mechanism of conduction in semiconductors, the factors that give rise to current carriers in them, and the type of conduction produced by them.

Card 1/1

- 73 -

GELEJI, Sandor, akademikus, osztalytitkar; BOGNAR, Gyula, akademikus; BENEDIKT, Otto, akademikus; MAJOR, Mate, lev.tag.; SZIGETI, Gyorgy, akademikus; BAN, Tamas; HEVASI, Gyula, Elnok; BAZSO, Imre, lev. tag.

1. Report on the work of the Section of Technical Sciences to the 1960 General Meeting of the Hungarian Academy of Sciences; also, remarks by G.Bognar and others. Muszaki kozl MTA 27 no.1/2:1-34 '60. (EBAI 10:4)

1. Magyar Tudomanyos Akademia, Muszaki Tudomanyok Osztalya (for
Geleji, Bognar, Genedikt, Major Szigeti, Hevesi)
(Hungarian Academy of Sciences)
(Hungary--Technology)

BAN, Tamas, dr.

Cinematographic information retrieval measuring methods. Elelm
ipar 18 no.8/9:228-231 Ag-S '64.

l. Instrumentation Service, Hungarian Academy of Sciences,
Budapest.

BAN, Tamás, Dr.

Exhibitions of industrial instruments. Elelm ipar 16 no.2:45-50
F '62.

1. Magyar Tudományos Akadémia Műszaki Osztályának kiállítása.

BAN, Tamas

Instrumental Supply of the Hungarian Academy of Sciences. Magy tud
69 no.6/7:429-432 Je-Jl '62.

1. Magyar Tudomanyos Akademia Muszerugyi Szolgatala igargatoja.

KAFFKA, Karoly; GYORGY, Zoltan; VAMOS, Tibor, dr.; RITTER, Endre; MARKUS, Ferenc; BOROMISSZA, Gyula, dr.; BUJTAS, Laszlo, dr.; BUJTAS, Laszlo, dr.; EDELENYI, Lasslo; BAN, Tamas, dr.; TEGZE, Miklos, dr.; ALPAR, Imre; KERECSENYI, Gyorgy; GINGER, Gyorgy; VARGA, Istvan.

Present state and perspectives of the automation in the food industry. Elelm ipar 18 no.2:33-36 F'64

1. Committee on Measuring and Control Technique, Scientific Association of the Agricultural and Food Industry, Budapest (for Kaffka).
2. Directorate of Instrument Industry, Ministry of Metallurgy and Machine Industry, Budapest (for Gyorgy).
3. National Committee on Technical Development, Budapest (for Vamos).
4. Central Committee of Automation, Budapest (for Ritter).
5. Secretariat of Automation, Ministry of Metallurgy and Machine Industry, Budapest (for Markus).
6. Ministry of Food, Budapest (for Bojtas).
7. Technical Department, Ministry of Food, Budapest (for Alpar).

Country : YUGOSLAVIA
Category: Laboratory Equipment. Instrumentation

Abs Jour: RZhKhim., No 17, 1959, No. 60676

Author : Ban, Zvonimir

Inst : -
Title : A Simple Laboratory Apparatus for Localized Melting of Semi-Conductors and a Device for Preparation of Monocrystalline Silicon by Melting with the Aid of Electronic Bombardment

Orig Pub: Tehnika, 1958, 13, No 10, metalurg., 9, No 10,
224-226

Abstract: No abstract

Card : 1/1

XAMENAR, B.; BAN, Z.; DADIC, M.

A press for electric-resistivity measurements of powders. Croat
chem acta 31 no.4:159-161 '59.
(EEAI 9:9)

1. Department for Structural and Inorganic Chemistry, Institute
"Ruder Boskovic", Zagreb, Croatia, Yugoslavia.
(Powders) (Electric resistance)
(Electric measurements)

BAN, Z.; SIKIRICA, M.

The silicon floating-zone refining by electron beam heating. Croat
chem acta 34 no.3:175-179 '62.

1. Department of Structural and Inorganic Chemistry, Institut "Ruder
Boskovic", Zagreb, Croatia, Yugoslavia.

VELIKOVSKY, Pal; GIMESY, Ervin (Budapest XIII., Vihar u. 7-9); RAV, Zsigmond
(Budapest)

Motorists' letters. Auto motor 14 no.10:5 My '61.

1. Uzemagvezeto, Dabasi Földmuvesszovetkezet (for Velikovsky).

BAN, Z.; SIKIRICA, M.

The preparation and crystal structure of some ternary silicides containing uranium and transition metals. Croat chem acta 36 no.3:143-149 '64.

Thorium-transition metals ternary germanides. Ibid.:151-158

1. Ruder Paskovic Institute, Zagreb. Permanent address of both authors: Laboratory of General and Inorganic Chemistry, Faculty of Science, University of Zagreb, Zagreb. Submitted July 14, 1964, and July 11, 1964.

LJUSTINA-IVANCIC, Nevenka, dr.; BAN, Vladimir, dr.

Ocular injuries in children. Idjeom. vjesn. 84 no. 5:451-456 '62.

I. Iz Klinike za ocne bolesti Medicinskog fakulteta Sveucilista u Zagrebu.

(XIE wds & inj)

5

BANA J. A. RUBBO, J.

Observation of a urethral diverticulum in a female. Rozhl.
chir. 44 no. 6: 399-400 Je '65.

I. Urologicka klinika (prednosta prof. dr. J. Kucera, DrSc.) a
I. chirurgicka klinika (prednosta prof. dr. V. Rapant, DrSc.)
lekarske fakulty Palackeho University v Olomouci.

KUBA, J.; BANA, J.; WIEDERMANN, M.; VESELY, J.

Contribution to isotope renography in urologic diagnosis.
Rozhl. chir. 44 no.6:421-428 Je '65.

1. Radioizotopove oddeleni (vedouci MUDr. M. Wiedermann) a
urologicka klinika (prednosta prof. dr. J. Kucera, DrSc.)
lekarske fakulty Palackeho University v Olomouci.

BANA, JOSEF

The Victorious February Collective Farm; progress of members of the collective farm in Kadov from the organizational committee to the 4th type of collective farm.

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

BANACH, ANDRZEJ

"Fashion in the 19th century"

p. 404 (Panstwowy Instytut Wydawniczy, 1955, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1,
Jan. 59.

REEL # 33

BALDIN, VIKTOR I.

TO

BANACH, A

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330011-9

E N D

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